

Claims

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1. A drive for a wiper system (10), having a wiper motor (18) which via a crank (22) and a joint rod (28) drives a drive lever (36) of a lever gear with a four-bar wiper lever (40), characterized in that a coupling rod (24) is pivotably connected to the crank (22) and is connected in articulated fashion to a guide rod (26) pivotably supported on a vehicle body, and the thus-formed coupling gear (20) is connected to the drive lever (36) via the joint rod (28).

2. The drive of claim 1, characterized in that the coupling rod (24) is a sheet-metal part (70, 72), which on each of its ends has a respective joint pin (84, 90), which is adjoined by the guide rod (26) and the crank (22), respectively, via a bearing shell (88).

3. The drive of claim 2, characterized in that at least one joint pin (84, 90) is fastened unilaterally to the coupling rod (24).

4. The drive of claim 1, characterized in that the coupling rod (24) has two sheet-metal parts (70, 72), between which it retains at least one joint pin (84) on its face ends.

5. The drive of claim 1, characterized in that the coupling rod (24), in forked ends, retains at least one joint pin (84).

6. The drive of claim 5, characterized in that the coupling rod (24) has two sheet-metal parts (70, 72), which are tacked locally together between the joint pins

(84) and thus form the forked ends.

7. The drive claim 1, characterized in that the crank (22), the coupling rod (24), and/or the guide rod (26) has offset bends (74, 76, 78) in the direction of motion and/or transversely thereto.

8. The drive of claim 1, characterized in that the wiper motor (18) is reversible.

9. The drive of claim 1, characterized in that one end of the guide rod (26) is supported on a mounting plate (42) via a bearing point (48).

10. The drive of claim 1, characterized in that the joints (52, 54) are embodied as ball joints (80, 82).

11. The drive of claim 1, characterized in that the wiper system (10) has at least two windshield wipers (12, 14), each of which is assigned one joint rod (28, 30), and that a joint peg (80) for a joint rod (28, 30) is disposed on the crank (22) or on the guide rod (26), and a further joint peg (82) for a further joint rod (28, 30) is disposed on the coupling rod (24).

12. The drive of claim 1, characterized in that the wiper system (10) has at least two windshield wipers (12, 14), each of which is assigned one joint rod (28, 30), and that a joint peg (80) for a joint rod (28) is disposed on the joint pin (84) for the crank (22) or on the joint pin (84) for the guide rod (26), and a further joint peg (82) for a further joint rod (28, 30) is disposed on the coupling rod (24).

13. The drive of claim 1, characterized in that the wiper system (10) has at least two windshield wipers (12, 14), each of which is assigned one joint rod (28, 30), and that a joint peg is embodied as a double double-ball peg (94).

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14. The drive of claim 1, characterized in that the wiper system (10) has at least two windshield wipers (12, 14), each of which is assigned one joint rod (28, 30), and that two joint pegs (80, 82) for the joint rods (28, 30) are disposed, parallel to one another, on the coupling rod (24).

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15. The drive of claim 8, characterized in that the joint pegs (80, 82, 94) or the joint pins (84, 90) are riveted to the crank (22), the guide rod (26), and the coupling rod (24), respectively.

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16. The drive of claim 8, characterized in that the coupling rod (24) is formed of two metal sheets (70, 72), of which the sheet (72) remote from the joint pegs (80, 82, 94) is curved in the region of the joint pegs (82, 94) toward the other sheet (70) and is riveted to that sheet by means of the joint pegs (82, 94).

17. The drive of claim 1, characterized in that the drive lever (36) is embodied as a cross guide rod.